

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/003673

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C08F218/00 G02B1/04

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C08F G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal, CHEM ABS Data, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 473 163 A (ENICHEM SINTESI) 4 March 1992 (1992-03-04)	1,2, 4-16,18, 19,22, 23,27-30
Y	claims 1,6-11; examples 3,4	20,21, 24-26
X	US 5 286 816 A (RIVETTI FRANCO ET AL) 15 February 1994 (1994-02-15)	1-6, 8-15,18, 19,22, 23,27-29
Y	column 2, lines 57-66; claims 1-6; example 1	20,21, 24-26
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

2 July 2004

Date of mailing of the international search report

16/07/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Stabel, A

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/003673

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 302 537 A (ENICHEM SINTESI) 8 February 1989 (1989-02-08)  claims 1,2,4-6,8,10-12 page 3, lines 8-17 page 3, lines 41-44 -----	1,2, 4-15,18, 19,22, 23,27-29
X	WO 01/25301 A (GREAT LAKES CHEMICAL EUROP GMB ; GIROLDINI WILLIAM (IT); CRISCI LUCIAN) 12 April 2001 (2001-04-12)  claim 2; examples 1-7 claim 5 -----	1,4-7, 18,19, 24,25, 27-30
Y	EP 0 346 996 A (ENICHEM SINTESI) 20 December 1989 (1989-12-20)  page 2, lines 1-10; example 6 -----	24,25
A	US 4 713 433 A (GAGLIARDI CLAUDIO ET AL) 15 December 1987 (1987-12-15) column 2, line 58 - column 4, line 16; examples -----	1,4-8, 16,17, 27-30
Y	US 4 607 087 A (NAKAYAMA MASAHIRO ET AL) 19 August 1986 (1986-08-19) column 1, line 51 - column 2, line 10; table 1 -----	20,26
Y	EP 0 540 043 A (NOF CORP ; SEIKO EPSON CORP (JP)) 5 May 1993 (1993-05-05) page 7, lines 35-44; examples 9,15 -----	20,21

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/003673

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0473163	A	04-03-1992	IT DE DE EP ES US	1243977 B 69114225 D1 69114225 T2 0473163 A1 2079535 T3 5196492 A	28-06-1994 07-12-1995 30-05-1996 04-03-1992 16-01-1996 23-03-1993
US 5286816	A	15-02-1994	IT AT BR CA DE DE DK EP ES GR JP MX	1245384 B 128993 T 9201054 A 2064140 A1 69205316 D1 69205316 T2 506413 T3 0506413 A2 2078653 T3 3017839 T3 5086153 A 9201380 A1	20-09-1994 15-10-1995 24-11-1992 29-09-1992 16-11-1995 14-03-1996 29-01-1996 30-09-1992 16-12-1995 31-01-1996 06-04-1993 01-10-1992
EP 0302537	A	08-02-1989	IT AT AU AU BR CA DE EP ES GR HK IE IN IN JP JP KR PT SG US	1228546 B 67510 T 605601 B2 1869688 A 8804023 A 1303779 C 3864945 D1 0302537 A1 2027754 T3 3002888 T3 90394 A 60752 B1 171275 A1 171969 A1 1065107 A 2840947 B2 9200191 B1 88159 A , B 95894 G 4970293 A	20-06-1991 15-10-1991 17-01-1991 02-02-1989 28-02-1989 16-06-1992 24-10-1991 08-02-1989 16-06-1992 25-01-1993 09-09-1994 10-08-1994 29-08-1992 20-02-1993 10-03-1989 24-12-1998 10-01-1992 30-06-1989 28-10-1994 13-11-1990
WO 0125301	A	12-04-2001	IT WO	MI992047 A1 0125301 A1	02-04-2001 12-04-2001
EP 0346996	A	20-12-1989	IT AT AU AU DE DE EP ES JP KR MX US	1217842 B 108462 T 613766 B2 3636789 A 68916712 D1 68916712 T2 0346996 A2 2056192 T3 2038410 A 9209619 B1 169951 B 5128384 A	30-03-1990 15-07-1994 08-08-1991 21-12-1989 18-08-1994 02-03-1995 20-12-1989 01-10-1994 07-02-1990 22-10-1992 02-08-1993 07-07-1992
US 4713433	A	15-12-1987	IN	172504 A1	04-09-1993

**INTERNATIONAL SEARCH REPORT**

International Application No  
PCT/EP2004/003673

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
US 4713433	A		IT 1190320 B AU 593900 B2 AU 7138487 A CA 1279432 C EP 0241997 A2 IE 59914 B1 JP 8022895 B JP 62256811 A AT 62259 T BR 8702192 A DE 3768998 D1 GR 3001840 T3 IN 169366 A1 KR 9007767 B1 MX 169473 B PT 84707 A ,B	16-02-1988 22-02-1990 22-10-1987 22-01-1991 21-10-1987 20-04-1994 06-03-1996 09-11-1987 15-04-1991 17-02-1988 08-05-1991 23-11-1992 05-10-1991 19-10-1990 07-07-1993 01-05-1987
US 4607087	A	19-08-1986	JP 1377631 C JP 58167124 A JP 61043187 B DE 3371523 D1 EP 0090627 A2 FR 2523896 A1 IT 1212814 B	08-05-1987 03-10-1983 26-09-1986 19-06-1987 05-10-1983 30-09-1983 30-11-1989
EP 0540043	A	05-05-1993	JP 2038532 C JP 5125120 A JP 7060201 B DE 69210754 D1 DE 69210754 T2 EP 0540043 A1 SG 44519 A1 US 5340893 A	28-03-1996 21-05-1993 28-06-1995 20-06-1996 02-01-1997 05-05-1993 19-12-1997 23-08-1994